

- (3) ALLISON, R. D., ROTH, G. M. Central and peripheral vascular effects during cigarette smoking. *Archives of Environmental Health* 19(2): 189-198, August 1969.
- (4) AMBRUS, J. L., MINK, I. B. Effect of cigarette smoking on blood coagulation. *Clinical Pharmacology and Therapeutics* 5(4): 428-431, 1964.
- (5) ARONOW, W. S., KAPLAN, M. A., JACOB, D. Tobacco: A precipitating factor in angina pectoris. *Annals of Internal Medicine* 69(3): 529-536, September 1968.
- (6) ARONOW, W. S., SWANSON, A. J. Non-nicotinized cigarettes and angina pectoris. *Annals of Internal Medicine* 70(6): 1227, June 1969.
- (7) ARONOW, W. S., SWANSON, A. J. The effect of low-nicotine cigarettes on angina pectoris. *Annals of Internal Medicine* 71(3): 599-601, September 1969.
- (8) ASHBY, P., DALBY, A. M., MILLAR, J. H. D. Smoking and platelet stickiness. *Lancet* 2: 158-159, July 24, 1965.
- (9) ASTRUP, P. Effects of hypoxia and of carbon monoxide exposures on experimental atherosclerosis. *Annals of Internal Medicine* 71(2): 426-427, August 1969.
- (10) ASTRUP, P., KJELDSEN, K., WANSTRUP, J. Enhancing influence of carbon monoxide on the development of atheromatosis in cholesterol-fed rabbits. *Journal of Atherosclerosis Research* 7: 343-354, 1967.
- (11) ASTRUP, P., PAULI, H. G. (Editors). *A Comparison of Prolonged Exposure to Carbon Monoxide and Hypoxia in Man. Reports of a Joint Danish-Swiss Study*. Scandinavian Journal of Clinical and Laboratory Investigation 22 (Supplement 103): 1968. 71 pp.
- (12) AUERBACH, O., HAMMOND, E. C., GARFINKEL, L. Smoking in relation to atherosclerosis of the coronary arteries. *New England Journal of Medicine* 273(15): 775-779, October 7, 1965.
- (13) AVTANDILOV, G. G., KOLENOVA, V. I., PONOMARENKO, O. V. Kureniye tabaka i stepen' ateroskleroticheskogo porazheniya koronarnykh arteriy serdtsa i aorty. (Tobacco smoking and the degree of atherosclerotic lesions of coronary arteries of the heart and aorta.) *Kardiologiya* 5(1): 30-34, January-February 1965.
- (14) AYRES, S. M., GIANNELLI, S., JR., ARMSTRONG, R. G. Carboxyhemoglobin: Hemodynamic and respiratory responses to small concentrations. *Science* 149: 193-194, July 9, 1965.
- (15) AYRES, S. M., MUELLER, H. S., GREGORY, J. J., GIANNELLI, S., JR., PENNY, J. L. Systemic and myocardial hemodynamic responses to relatively small concentrations of carboxyhemoglobin (COHB). *Archives of Environmental Health* 18(4): 699-709, April 1969.
- (16) BALAZS, T., OHTAKE, S., CUMMINGS, J. R., NOBLE, J. F. Ventricular extrasystoles induced by epinephrine, nicotine, ethanol, and vasoressin in dogs with myocardial lesions. *Toxicology and Applied Pharmacology* 15(1): 189-205, July 1969.
- (17) BARGERON, L. M., JR., EHMKE, D., GONLUBOL, F., CASTELLANOS, A., SIEGEL, A., BING, R. J. Effect of cigarette smoking on coronary blood flow and myocardial metabolism. *Circulation* 15: 251-257, February 1957.
- (18) BARNETT, A. J., BOAKE, W. C. Cigarette smoking and occlusive arterial disease of the legs. *Medical Journal of Australia* 1: 240-242, February 13, 1960.
- (19) BEGG, T. B. Characteristics of men with intermittent claudication. *Practitioner* 194(2): 202-207, February 1965.

- (20) BELLET, S., FLEISCHMANN, D., ROMAN, L., DEGUZMAN, N. The effect of cigarette smoke inhalation on the ventricular fibrillation threshold. *Circulation* (Supplement 3) 42(4) : 135, October 1970.
- (21) BELLET, S., KERSHBAUM, A., MEADE, R. H., JR., SCHWARTZ, L. The effect of tobacco smoke and nicotine on the normal heart and in the presence of myocardial damage produced by coronary ligation. *American Journal of the Medical Sciences* 201(1) : 40-51, January 1941.
- (22) BELLET, S., WEST, J. W., MULLER, O. F., MANZOLI, U. C. Effect of nicotine on the coronary blood flow and related circulatory parameters. Correlative study in normal dogs and dogs with coronary insufficiency. *Circulation Research* 10(1) : 27-34, January 1962.
- (23) BERKSON, D. M., STAMLER, J., LINDBERG, H. A., MILLER, W. A., STEVENS, E. L., SOYUGENIC, R., TOKICH, T. J., STAMLER, R. HEART rate: An important risk factor for coronary mortality—ten-year experience of the Peoples Gas Co. Epidemiologic study (1958-68). IN: Jones, R. J. (Editor). *Atherosclerosis. Proceedings of the Second International Symposium*. New York, Springer-Verlag, 1970. pp. 382-389.
- (24) BEST, E. W. R. A Canadian Study of Smoking and Health. Ottawa, Department of National Health and Welfare, 1966. 133 pp.
- (25) BLACKBURN, H., JR., ORMA, E., HARTEL G., PUNSAR, S. Tobacco smoking and blood coagulation: Acute effect on plasma Stypven time. *American Journal of the Medical Sciences* 238: 448-451, October 1959.
- (26) BLOMSTRAND, R., LUNDMAN, T. Serum lipids, smoking and heredity. *Acta Medica Scandinavica* 180(Supplement 455) : 51-60, 1966.
- (27) BORHANI, N. O., HECHTER, H. H., BRESLOW, L. Report of a 10-year followup study of the San Francisco longshoremen. Mortality from coronary heart disease and from all causes. *Journal of Chronic Diseases* 16: 1251-1266, 1963.
- (28) BOYLE, E., JR., MORALES, I. B., NICHAMAN, M. Z., TALBERT, C. R., JR., WATKINS, R. S. Serum beta lipoproteins and cholesterol in adult men. Relationships to smoking, age, and body weight. *Geriatrics* 23(12) : 102-111, December 1968.
- (29) BREWER, G. J., EATON, J. W., WEIL, J. V., GROVER, R. F. Studies of red cell glycolysis and interactions with carbon monoxide, smoking, and altitude. *Advances in Experimental Medicine and Biology* 6: 95-114, 1970.
- (30) BRODY, J. S., COBURN, R. F. Carbon monoxide-induced arterial hypoxemia. *Science* 164(3885) : 1297-1298, June 13, 1969.
- (31) BRONTE-STEWART, B. Cigarette smoking and ischaemic heart disease. *British Medical Journal* 1: 379-384, February 11, 1961.
- (32) BROWN, H., SELLWOOD, R. A., HARRISON, C. V., MARTIN, P. Thromboangiitis obliterans. *British Journal of Surgery* 56 (1) : 59-63, January 1969.
- (33) BUECHLEY, R. W., DRAKE, R. M., BRESLOW, L. Relationship of amount of cigarette smoking to coronary heart disease mortality rates in men. *Circulation* 18(6) : 1085-1090, December 1958.
- (34) BUNN, H. F., JANDL, J. H. Control of hemoglobin function within the red cell. *New England Journal of Medicine* 282(25) : 1414-1421, June 18, 1970.
- (35) BURN, J. H., RAND, M. J. Action of nicotine on the heart. *British Medical Journal* 1: 137-139, January 18, 1958.
- (36) CAGANOVA, A., CAGAN, S., SIMKO, V. Lipidy krvneho sera u nefajciarov a fajciarov. (Blood serum lipids in nonsmokers and smokers.) *Bratislavské Lekarské Listy* 50(3) : 387-392, September 3, 1968.

- (37) CEDERLOF, R. The Twin Method in Epidemiological Studies on Chronic Disease. Institute of Hygiene of the Karolinska Institute, Department of Environmental Hygiene of the National Institute of Public Health, Department of Sociology, University of Stockholm, Stockholm, 1966. 71 pp.
- (38) CEDERLOF, R., FRIBERG, L., HRUBEC, Z. Cardiovascular and respiratory symptoms in relation to tobacco smoking. A study on American twins. *Archives of Environmental Health* 18(6) : 934-940, June 1969.
- (39) CEDERLOF, R., FRIBERG, L., JONSSON, E., KAIJ, L. Respiratory symptoms and "angina pectoris" in twins with reference to smoking habits. An epidemiological study with mailed questionnaire. *Archives of Environmental Health* 13 (6) : 726-737, December 1966.
- (40) CEDERLOF, R., JONSSON, E., LUNDMAN, T. On the validity of mailed questionnaires in diagnosing "angina pectoris" and "bronchitis". *Archives of Environmental Health* 13(6) : 738-742, December 1966.
- (41) CHEVALIER, R. B., KRUMHOLZ, R. A., ROSS, J. C. Reaction of non-smokers to carbon monoxide inhalation. Cardiopulmonary responses at rest and during exercise. *Journal of the American Medical Association* 198(10) : 1061-1064, December 5, 1966.
- (42) CHOI, Y. Y. Effect of nicotine upon cholesterol-induced atherosclerosis in rabbits. *New Medical Journal* 10(7) : 685-693, 1967.
- (43) CLARK, V. A., CHAPMAN, J. M., COULSON, A. H. Effects of various factors on systolic and diastolic blood pressure in the Los Angeles Heart Study. *Journal of Chronic Diseases* 20: 571-581, 1967.
- (44) COHEN, S. I., DEANE, M., GOLDSMITH, J. R. Carbon monoxide and survival from myocardial infarction. *Archives of Environmental Health* 19(10) : 510-517, October 1969.
- (45) CORNFIELD, J., MITCHELL, S. Selected risk factors in coronary disease. Possible intervention effects. *Archives of Environmental Health* 19(3) : 382-394, September 1969.
- (46) CZOCHRA-LYSANOWICZ, Z., GORSKI, M., KEDRA, M. Wplyw nikotyny i kofeiny na rozwój miażdzyicy u królików. (The effect of nicotine and caffeine on the development of arteriosclerosis in rabbits.) *Annales Universitatis Mariae Curie-Skłodowska; Section D: Medicina* 14(20) : 181-206, 1959.
- (47) DAWBER, T. R., KANNEL, W. B., REVOTSKIE, N., STOKES, J., KAGAN, A., GORDON, T. Some factors associated with the development of coronary heart disease. Six years' followup experience in the Framingham study. *American Journal of Public Health and the Nation's Health* 49(10) : 1349-1356. October 1959.
- (48) DAYTON, S., PEARCE, M. L. Diet and atherosclerosis. *Lancet* 1(7644) : 473-474, February 28, 1970.
- (49) DAYTON, S., PEARCE, M. L., HASHIMOTO, S., DIXON, W. J., TOMIYASU, U. A Controlled Clinical Trial of a Diet High in Unsaturated Fat in Preventing Complications of Atherosclerosis. *Circulation* 40(1 Supplement 11), July 1969. 63 pp.
- (50) DOLL, R., HILL, A. B. Mortality in relation to smoking: 10 years' observations of British doctors. (Part I) *British Medical Journal* 1(5395) : 1399-1410, May 30, 1964.
- (51) DOLL, R., HILL, A. B. Mortality in relation to smoking: 10 years' observations of British doctors. (Concluded) *British Medical Journal* 1(5396) : 1460-1467, June 6, 1964.

- (52) DÖRKEN, H. Die Rauchgewohnheiten bei jüngeren Herzinfarkt-Patienten. (Smoking habits of younger patients with myocardial infarction.) Münchener medizinische Wochenschrift 109(4); 187-192 January 27, 1967.
- (53) DÖRKEN, H. Die Rauchgewohnheiten bei jüngeren Frauen mit Herzinfarkt. (The smoking habits of younger females with myocardial infarction.) Münchener medizinische Wochenschrift 109(41); 2129-2134, October 13, 1967.
- (54) DOYLE, J. T., DAWBER, T. R., KANNEL, W. B., KINCH, S. H., KAHN, H. A. The relationship of cigarette smoking to coronary heart disease. The second report of the combined experience of the Albany, N.Y., and Framingham, Mass., studies. Journal of the American Medical Association 190(10): 886-890, December 7, 1964.
- (55) DUNN, J. P., IPSEN, J., ELSOM, K. O., OHTANI, M. Risk factors in coronary artery disease, hypertension and diabetes. American Journal of the Medical Sciences 259(5): 309-322, May 1970.
- (56) EDWARDS, F., McKEOWN, T., WHITFIELD, A. G. W. Association between smoking and disease in men over sixty. Lancet 1: 196-200, January 24, 1959.
- (57) EISEN, M. E. Coexistence of thromboangiitis obliterans and arteriosclerosis: Relationship to smoking. Journal of the American Geriatrics Society 14 (8): 846-858, August 1966.
- (58) ENGELBERG, H. Cigarette smoking and the *in vitro* thrombosis of human blood. Journal of the American Medical Association 193(12): 1033-1035, September 20, 1965.
- (59) ENGELBERG, H., FUTTERMAN, M. Cigarette smoking and thrombotic coagulation of human blood. Archives of Environmental Health 14(2): 266-270, February 1967.
- (60) ENGLISH, J. P., WILLIUS, F. A., BERKSON, J. Tobacco and coronary disease. Journal of the American Medical Association 115(16): 1327-1329, October 19, 1940.
- (61) EPSTEIN, F. H. Some uses of prospective observations in the Tecumseh Community Health Study. Proceedings of the Royal Society of Medicine 60(1): 4-8, January 1967.
- (62) FIDANZA, F., IMBIMBO, B., DI BENEDETTA, C. Indagine epidemiologica delle cardiopatie ischemiche nei reclusi del penitenziario di S. Stefano di Ventotene. (Epidemiological investigation of ischemic heart disease in prisoners of S. Stefano di Ventotene prison.) Gironale dell' Arteriosclerosi 4: 255-267 1966.
- (63) FLETCHER, C. M., HORN, I. Smoking and health. WHO Chronicle 24(8): 345-370, August 1970.
- (64) FOLLE, L. E., SAMANEK, M., AVIADO, D. M. Cardiopulmonary effects of tobacco and related substances. II. Coronary vascular effects of cigarette smoke and nicotine. Archives of Environmental Health 12(6): 712-716, June 1966.
- (65) FORTE, I. E., WILLIAMS, A. J., POTGIETER, L., SCHMITTHENNER, J. E., HAFKENSCHIEL, J. H., RIEGEL, C. Coronary blood flow and cardiac oxygen metabolism during nicotine-induced increases in left ventricular work. Annals of the New York Academy of Sciences 90(1): 174-185, September 27, 1960.
- (66) FRANKL, W. S., FRIEDMAN, R., SOLOFF, L. A. Cardiac output, blood pressure and free fatty acid responses to smoking in the nonbasal state. American Journal of the Medical Sciences 252(1): 39-44, July 1966.

- (67) FRANKL, W. S., WINTERS, W. L., SOLOFF, L. A. The effects of smoking on the cardiac output at rest and during exercise in patients with healed myocardial infarction. *Circulation* 31(1) : 42-44, January 1965.
- (68) FREUND, J., WARD, C. The acute effect of cigarette smoking on the digital circulation in health and disease. *Annals of the New York Academy of Sciences* 90(1) : 85-101, September 27, 1960.
- (69) FRIBERG, L., CEDERLOF, R., LUNDMAN, T., OLSSON, H. Mortality in smoking discordant monozygotic and dizygotic twins. A study on the Swedish Twin Registry. *Archives of Environmental Health* 21(4) : 508-513, October 1970.
- (70) FRIEDELL, M. T. Effect of cigarette smoke on the peripheral vascular system. Radioactive iodinated albumin used as indicator of volumetric change. *Journal of the American Medical Association* 152(10) : 897-900, July 4, 1953.
- (71) GLYNN, M. F., MUSTARD, J. F., BUCHANAN, M. R., MURPHY, E. A. Cigarette smoking and platelet aggregation. *Canadian Medical Association Journal* 95(11) : 549-553, September 10, 1966.
- (72) GOFFMAN, J. W., LINDGREN, F. T., STRISOWER, B., DELALLA, O., GLAZIER, F., TAMPLIN, A. Cigarette smoking, serum lipoproteins, and coronary heart disease. *Geriatrics* 10(8) : 349-354, August 1955.
- (73) GOLDSMITH, J. R., LANDAW, S. A. Carbon monoxide and human health. *Science* 162(3860) : 1352-1359, December 20, 1968.
- (74) GREENSPAN, K., EDMANDS, R. E., KNOEBEL, S. B., FISCH, C. Some effects of nicotine on cardiac automaticity, conduction, and inotropy. *Archives of Internal Medicine* 123(6) : 707-712, June 1969.
- (75) GROSGOGEAT, Y., ANGUERA, G., LELLOUCH, J., JACOTOT, B., BEAUMONT, J.-L., PATOIS, E., MANIER, E. L'intoxication chronique par la nicotine chez le lapin nourri au cholesterol. Effets sur la paroi aortique et sur la lipidemie. (Chronic nicotine poisoning in the rabbit on a cholesterol diet. Effects on the wall of the aorta and on lipedemia.) *Journal of Atherosclerosis Research* 5(3) : 291-301, 1965.
- (76) HAMMOND, E. C., GARFINKEL, L. Coronary heart disease, stroke, and aortic aneurysm. Factors in the etiology. *Archives of Environmental Health* 19(2) : 167-182, August 1969.
- (77) HAMMOND, E. C., HORN, D. Smoking and death rates—report on forty-four months of follow-up of 187,783 men. I. Total mortality. *Journal of the American Medical Association* 166 (10) : 1159-1172, March 8, 1958.
- (78) HAMMOND, E. C., HORN, D. Smoking and death rates—report on forty-four months of follow-up of 187,783 men. II. Death rates by cause. *Journal of the American Medical Association* 166(11) : 1294-1308, March 15, 1958.
- (79) HARLAN, W. R., OBERMAN, A., MITCHELL, R. E., GRAYBIEL, A. Constitutional and environmental factors related to serum lipid and lipoprotein levels. *Annals of Internal Medicine* 66(3) : 540-555, March 1967.
- (80) HASS, G. M., LANDERHOLM, W., HEMMENS, A. Production of calcific athero-arteriosclerosis and thromboarteritis with nicotine, vitamin D, and dietary cholesterol. *American Journal of Pathology* 49(4) : 739-771, October 1966.
- (81) HAUGE, M., HARVALD, B., REID, D. D. A twin study of the influence of smoking on morbidity and mortality. *Acta Geneticae Medicae et Gemellologiae* 19: 335-336, 1970.

- (82) HEYDEN-STUCKY, S., SCHIBLER-REICH, S. Kardiologische Risikofaktoren bei Schweizer Männern. (Cardiological risk factors in Swiss men.) Schweizerische Medizinische Wochenschrift 97(1) : 20-25, January 7, 1967.
- (83) HIGGINS, M. W., KJELSBERG, M. Characteristics of smokers and non-smokers in Tecumseh, Michigan. II. The distribution of selected physical measurements and physiologic variables and the prevalence of certain diseases in smokers and nonsmokers. American Journal of Epidemiology 86(1) : 60-77, July 1967.
- (84) HIRAYAMA, T. Smoking in relation to the death rates of 265,118 men and women in Japan. National Cancer Center, Research Institute. Tokyo, September 1967. 14 pp.
- (85) HOOD, B., TIBBLIN, G., WELIN, G., ORNDAHL, G., KORSAN-BENGTSSEN, K. Myocardial infarction in early age. III. Coronary risk factors and their deficient control. Acta Medica Scandinavica 185(4) : 241-251, April 1969.
- (86) HUEPER, W. C. Experimental studies in cardiovascular pathology. VII. Chronic nicotine poisoning in rats and in dogs. A.M.A. Archives of Pathology 35 : 846-856, 1943.
- (87) HYAMS, L., SEGI, M., ARCHER, M. Myocardial infarction in the Japanese. A retrospective study. American Journal of Cardiology 20(4) : 549-554, October 1967.
- (88) INTER-SOCIETY COMMISSION FOR HEART DISEASE RESOURCES. Atherosclerosis Study Group and Epidemiology Study Group. Primary prevention of the atherosclerotic diseases. Circulation 42(6) : A-54-A-95, December 1970.
- (89) IRVING, D. W., YAMAMOTO, T. Cigarette smoking and cardiac output. British Heart Journal 25 : 126-132, 1963.
- (90) JENKINS, C. D., ROSENMAN, R. H., ZYZANSKI, S. J. Cigarette smoking. Its relationship to coronary heart disease and related risk factors in the Western Collaborative Group Study. Circulation 38(6) : 1140-1155, December 1968.
- (91) JOUVE, A., ROCHU, P., AVRIL, P. Enquetes epidemiologiques sur l'atherosclerose dans la region Provencal. (Epidemiological investigations of atherosclerosis in the Provence region.) Union Medicale du Canada 98(5) : 761-766, May 1969.
- (92) JUERGENS, J. L., BARKER, N. W., HINES, E. A., JR. Arteriosclerosis obliterans: Review of 520 cases with special reference to pathogenic and prognostic factors. Circulation 21(2) : 188-195, February 1960.
- (93) KAHN, H. A. The Dorn study of smoking and mortality among U.S. veterans: report on 8½ years of observation. IN: Haenszel, W. (Editor). Epidemiological Approaches to the Study of Cancer and Other Chronic Diseases. Bethesda, U.S. Public Health Service, National Cancer Institute Monograph No. 19, January 1966. pp. 1-125.
- (94) KANNEL, W. B., CASTELLI, W. P., McNAMARA, P. M. Cigarette smoking and risk of coronary heart disease. Epidemiologic clues to pathogenesis. The Framingham study. IN: Wynder, E. L., Hoffmann, D., (Editors). Toward a Less Harmful Cigarette. Bethesda, U.S. Department of Health, Education, and Welfare, Public Health Service, National Cancer Institute Monograph No. 28, June 1968. pp. 9-20.
- (95) KANNEL, W. B., DAWBER, T. R., SKINNER, J. J., JR., McNAMARA, M., SHURTLEFF, D. Epidemiological aspects of intermittent claudication: The Framingham Study. Circulation (Supplement II to Vols. 31 and 32) : 121-122, October 1965.

- (96) KANNEL, W. B., DAWBER, T. R., COHEN, M. E., McNAMARA, P. M. Vascular disease of the brain—epidemiologic aspects. *The Framingham study*. American Journal of Public Health and the Nation's Health 55(9) : 1355-1366, September 1965.
- (97) KARVONEN, M., ORMA, E., KEYS, A., FIDANZA, F. BROZEK, J. Cigarette smoking, serum-cholesterol, blood-pressure, and body fatness. Observations in Finland. *Lancet* 1: 492-494, March 7, 1959.
- (98) KASTL, O. Berufliche und Umweltanalyse infarktkranker Eisenbahnbiedensteter. (Occupational and environmental analysis of infarct patients in railway service.) *Medizinische Klinik* 64(42) : 1911-1917, October 17, 1969.
- (99) KEDRA, M., DMOWSKI, G. The influence of tobacco smoking on the development of atherosclerosis and on the composition of blood lipids. *Polish Medical Journal* 5(1) : 37-43, 1966.
- (100) KEDRA, M., KOROLKO, A. Tobacco smoking and blood clotting. *Bulletin of Polish Medical Science and History* 8: 145-148, October 1965.
- (101) KEDRA, M., POLESZAK, J., PITERA, A. Wpływ palenia tytoniu na poziom tłuszczów w krwi. (Influence of tobacco smoking on the blood lipid levels.) *Polski Tygodnik Lekarski* 20(39) : 1452-1454, September 27, 1965.
- (102) KERRIGAN, R., JAIN, A. C., DOYLE, J. T. The circulatory response to cigarette smoking at rest and after exercise. *American Journal of the Medical Sciences* 255(2) : 113-119, February 1968.
- (103) KERSHBAUM, A., BELLET, S., CAPLAN, R. F., FEINBERG, L. J. Effect of cigarette smoking on free fatty acids in patients with healed myocardial infarction. *American Journal of Cardiology* 10(2) : 204-208, August 1962.
- (104) KERSHBAUM, A., BELLET, S., DICKSTEIN, E. R., FEINBERG, L. J. Effect of cigarette smoking and nicotine on serum free fatty acids. Based on a study in the human subject and the experimental animal. *Circulation Research* 9(3) : 631-638, May 1961.
- (105) KERSHBAUM, A., BELLET, S., HIRABAYASHI, M., FEINBERG, L. J. Regular filtertip, and modified cigarettes. Nicotine excretion, free fatty acid mobilization and catecholamine excretion. *Journal of the American Medical Association* 201(7) : 545-546, August 14, 1967.
- (106) KERSHBAUM, A., BELLET, S., JIMENEZ, J., FEINBERG, L. J. Differences in effects of cigar and cigarette smoking on free fatty acid mobilization and catecholamine excretion. *Journal of the American Medical Association* 195(13) : 1095-1098, March 28, 1966.
- (107) KERSHBAUM, A., BELLET, S., KHORSANDIAN, R. Elevation of serum cholesterol after administration of nicotine. *American Heart Journal* 69(2) : 206-210, February 1965.
- (108) KERSHBAUM, A., JIMENEZ, J., BELLET, S., ZANUTTINI, D. Modification of nicotine-induced hyperlipidemia by anti-adrenergic agents. *Journal of Atherosclerosis Research* 6: 524-530, 1966.
- (109) KERSHBAUM, A., KHORSANDIAN, R., CAPLAN, R. F., BELLET, S., FEINBERG, L. J. The role of catecholamines in the free fatty acid response of cigarette smoking. *Circulation* 28(1) : 52-57, July 1963.
- (110) KERSHBAUM, A., OSADA, H., SCRIBINE, A., BELLET, S., PAPPAGJOHN, D. J. Influence of nicotine on the mobilization of free fatty acids from rat adipose tissue *in vitro* and in the isolated perfused dog limb. *Circulation* 36(4, Supplement 2) : 20, October 1967.
- (111) KEYS, A. (Editor). *Coronary Heart Disease in Seven Countries*. *Circulation* 41(4, Supplement 1) : 1970. 211 pp.

- (112) KIEN, G. A., SHERROD, T. R. Action of nicotine and smoking on coronary circulation and myocardial oxygen utilization. *Annals of the New York Academy of Sciences* 90(1) : 161-178, September 27, 1960.
- (113) KJELDSEN, K. Smoking and Atherosclerosis. Investigations on the significance of the carbon monoxide content in tobacco smoke in atherosclerosis. Copenhagen, Munksgaard, 1969. 145 pp.
- (114) KJELDSEN, K., ASTRUP, P., WANSTRUP, J. Reversal of rabbit atherosclerosis by hyperoxia. *Journal of Atherosclerosis Research* 10(2) : 173-178, September-October 1969.
- (115) KJELDSEN, K., DAMGAARD, F. Influence of prolonged carbon monoxide exposure and altitude hypoxia on serum lipids in man. *Scandinavian Journal of Clinical and Laboratory Investigation* 22 (Supplementum 103) : 16-19, 1968.
- (116) KJELDSEN, K., MOZES, M. Buerger's disease in Israel. Investigations on carboxyhemoglobin and serum cholesterol levels after smoking. *Acta Chirurgica Scandinavica* 135(6) : 495-498, 1969.
- (117) KJELDSEN, K., WANSTRUP, J., ASTRUP, P. Enhancing influence of arterial hypoxia on the development of atherosclerosis in cholesterol-fed rabbits. *Journal of Atherosclerosis Research* 8(5) : 835-845, 1968.
- (118) KLENSCH, H. Blut-Katecholamine und -Fettsäuren beim Stress durch Rauchen und durch körperliche Arbeit. (Blood catecholamines and fatty acids under stress induced by smoke and exercise.) *Zeitschrift für Kreislaufforschung* 55(10) : 1035-1044, October 1966.
- (119) KONTTINEN, A. Cigarette smoking and serum lipids in young men. *British Medical Journal* 1: 1115-1116, April 21, 1962.
- (120) KONTTINEN, A., RAJASALMI, M. Effect of heavy cigarette smoking on post-prandial triglycerides, free fatty acids, and cholesterol. *British Medical Journal* 1(5334) : 850-852, March 30, 1963.
- (121) KRUMHOLZ, R. A., CHEVALIER, R. B., ROSS, J. C. Cardiopulmonary function in young smokers. A comparison of pulmonary function measurements and some cardiopulmonary responses to exercise between a group of young smokers and a comparable group of nonsmokers. *Annals of Internal Medicine* 60(4) : 603-610, April 1964.
- (122) KRUMHOLZ, R. A., CHEVALIER, R. B., ROSS, J. C. Changes in cardiopulmonary functions related to abstinence from smoking. Studies in young cigarette smokers at rest and exercise at 3 and 6 weeks of abstinence. *Annals of Internal Medicine* 62(2) : 197-207, February 1965.
- (123) KUHN, R. A. Mode of action of tobacco smoke inhalation upon the cerebral circulation. *Annals of the New York Academy of Sciences* 142 (Article 1) : 67-71, March 15, 1967.
- (124) LARSON, R. K., FUKUDA, P., MURRAY, J. F. Systemic and pulmonary vascular effects of nicotine in anesthetized dogs. *American Review of Respiratory Diseases* 91(4) : 556-564, April 1965.
- (125) LEADERS, F. E., LONG, J. P. Action of nicotine on coronary vascular resistance in dogs. *American Journal of Physiology* 203(4) : 621-625, October 1962.
- (126) LEB, G., DERNTL, F., ROBIN, E., BING, R. J. The effect of nicotine on effective and total coronary blood flow in the anesthetized closed-chest dog. *Journal of Pharmacology and Experimental Therapeutics* 173 (1) : 138-144, May 1970.
- (127) LILIENTHAL, J. L., JR. Carbon monoxide. *Pharmacological Review* 2: 324-354, 1950.

- (128) MCKUSICK, V. A., HARRIS, W. S., OTTESEN, O. E., GOODMAN, R. M., SHELLEY, W. M., BLOODWELL, R. D. Buerger's disease: A distinct clinical and pathologic entity. *Journal of the American Medical Association* 181(1) : 5-12, July 7, 1962.
- (129) MARSHALL, W. J., JR., STANLEY, E. L., KEZDI, P. Cardiovascular effects of cold pressor tests, 40° head-up tilt, and smoking on smokers and nonsmokers. *Diseases of the Chest* 56(4) : 290-296, October 1969.
- (130) MASLOVA, K. K. The influence of nicotine on experimental atherosclerosis. *Bulletin of Experimental Biology and Medicine* 41: 20-23, 1956.
- (131) MILLS, C. A., PORTER, M. M. Tobacco smoking and automobile-driving stress in relation to deaths from cardiac and vascular causes. *American Journal of the Medical Sciences* 234(1) : 35-43, July 1957.
- (132) MIYAZAKI, M. Circulatory effect of cigarette smoking, with special reference to the effect on cerebral hemodynamics. *Japanese Circulation Journal* 33(9) : 907-912, September 1969.
- (133) MODZELEWSKI, A., MALEC, A. Zachowanie sie niektórych lipidow we krwi u palaczy. (Patterns of certain blood lipids in smokers.) *Wiadomosci Lekarskie* 22(3) : 229-233, February 1, 1969.
- (134) MOYER, C. A., MADDOCK, W. G. Peripheral vasospasm from tobacco. *A.M.A. Archives of Surgery* 49(2) : 277-285, February 1940.
- (135) MULCAHY, R., HICKEY, N. J. Cigarette smoking habits of patients with coronary heart disease. *British Heart Journal* 28: 404-408, 1966.
- (136) MULCAHY, R., HICKEY, N. J. The role of cigarette smoking in the causation of atherosclerosis. *Geriatrics* 22(2) : 165-174, February 1967.
- (137) MULCAHY, R., HICKEY, N. J., MAURER, B. J. Coronary heart disease in women. Study of risk factors in 100 patients less than 60 years of age. *Circulation* 36(4) : 577-586, October 1967.
- (138) MULINOS, M. G., SHULMAN, I. The effects of cigarette smoking and deep breathing on the peripheral vascular system. Studied by five methods. *American Journal of the Medical Sciences* 199(5) : 708-720, May 1940.
- (139) MURCHISON, L. E., FYFE, T. Effects of cigarette smoking on serum-lipids, blood-glucose, and platelet adhesiveness. *Lancet* 2(7456) : 182-184, July 23, 1966.
- (140) MURPHY, E. A. Thrombozyten, Thrombose und Gerinnung, (Thrombocytes, thrombosis and clotting.) IN: Schievelbein, H. (Editor). Nikotin: Pharmakologie und Toxikologie des Tabakrauches. Stuttgart (West Germany), Georg Thieme Verlag, 1968. pp. 178-192.
- (141) MUSTARD, J. F., MURPHY, E. A. Effect of smoking on blood coagulation and platelet survival in man. *British Medical Journal* 1(5334) : 846-849, March 30, 1963.
- (142) NADEAU, R. A., JAMES, T. N. Effects of nicotine on heart rate studied by direct perfusion of sinus node. *American Journal of Physiology* 212(4) : 911-916, April 1967.
- (143) OSKI, F. A., GOTTLIEB, A. J., MILLER, W. W., DELIVORIA-PAPADOPOULOS, M. The effects of deoxygenation of adult and fetal hemoglobin on the synthesis of red cell 2,3-diphosphoglycerate and its *in vivo* consequences. *Journal of Clinical Investigation* 49(2) : 400-407, February 1970.
- (144) PAFFENBARGER, R. S., JR., LAUGHLIN, M. E., GIMA, A. S., BLACK, R. A. Work activity of longshoremen as related to death from coronary heart disease and stroke. *New England Journal of Medicine* 282(20) : 1109-1114, May 14, 1970.

- (145) PAFFENBARGER, R. S., JR., WILLIAMS, J. L. Chronic disease in former college students. V. Early precursors of fatal stroke. *American Journal of Public Health and the Nation's Health* 57(8): 1290-1299, August 1967.
- (146) PAFFENBARGER, R. S., JR., WING, A. L. Chronic disease in former college students. X. The effects of single and multiple characteristics on risk of fatal coronary heart disease. *American Journal of Epidemiology* 90(6): 527-535, December 1969.
- (147) PAGE, I. H., LEWIS, L. A., MOINUDDIN, M. Effect of cigarette smoking on serum cholesterol and lipoprotein concentrations. *Journal of the American Medical Association* 171(11): 1500-1502, November 14, 1959.
- (148) PAUL, O., LEPPER, M. H., PHELAN, W. H., DUPERTUIS, G. W., MACMILLAN, A., MCKEAN, H., PARK, H. A longitudinal study of coronary heart disease. *Circulation* 28(1): 20-31, July 1963.
- (149) PENTECOST, B., SHILLINGFORD, J. The acute effects of smoking on myocardial performance in patients with coronary arterial disease. *British Heart Journal* 26: 422-429, 1964.
- (150) PINCHERLE, G., WRIGHT, H. B. Screening in the early diagnosis and prevention of cardiovascular disease. *Journal of the College of General Practitioners* 13: 280-289, 1967.
- (151) POZNER, H., BILLIMORIA, J. D. Effect of smoking on blood-clotting and lipid and lipoprotein levels. *Lancet* 1(7660): 1318-1321, June 20, 1970.
- (152) PURI, P. S., ALAMY, D., BING, R. J. Effect of nicotine on contractility of the intact heart. *Journal of Clinical Pharmacology* 8(5): 295-301, September-October 1968.
- (153) RAZDAN, A. N., SINGH, R. P., SRIVASTAVA, V. K. Thromboangiitis obliterans. A clinical study of 125 cases. *International Surgery; Bulletin* 47(2): 122-125, February 1967.
- (154) REGAN, T. J., HELLEMS, H. K., BING, R. J. Effect of cigarette smoking on coronary circulation and cardiac work in patients with arteriosclerotic coronary disease. *Annals of the New York Academy of Sciences* 90(1): 186-189, September 27, 1960.
- (155) REID, D. D., HOLLAND, W. W., ROSE, G. A. An Anglo-American cardiovascular comparison. *Lancet* 2(7531): 1375-1378, December 30, 1967.
- (156) ROMERO, T., TALESNIK, J. Influence of nicotine on the coronary circulation of the isolated heart of the cat. *Journal of Pharmacy and Pharmacology* 19(5): 322-328, 1967.
- (157) ROSE, G. A. The diagnosis of ischaemic heart pain and intermittent claudication in field surveys. *Bulletin of the World Health Organization* 27(6): 645-658, 1962.
- (158) ROSE, G. A. Chest pain questionnaire. *Milbank Memorial Fund Quarterly* 43(2, part 2): 32-39, April 1965.
- (159) ROSENMAN, R. H., FRIEDMAN, M., STRAUS, R., WURM, M., KOSITCHEK, R., HAHN, W., WERTHESSEN, N. T. A predictive study of coronary heart disease. The Western Collaborative Group Study. *Journal of the American Medical Association* 189(1): 15-22, July 6, 1964.
- (160) ROSS, G., BLESÁ, M. I. The effect of nicotine on the coronary circulation of dogs. *American Heart Journal* 79(1): 96-102, January 1970.
- (161) ROTH, G. M., SCHICK, R. M. The effects of smoking on the peripheral circulation. *Diseases of the Chest* 37(2): 203-210, February 1960.

- (162) ROTTENSTEIN, H., PEIRCE, G., RUSS, E., FELDER, D., MONTGOMERY, H. Influence of nicotine on the blood flow of resting skeletal muscle and of the digits in normal subjects. *Annals of the New York Academy of Sciences* 90(1) : 102-113, September 27, 1960.
- (163) RUSSEK, H. I., ZOHMAN, B. L. Relative significance of heredity, diet and occupational stress in coronary heart disease of young adults. Based on an analysis of 100 patients between the ages of 25 and 40 years and a similar group of 100 normal control subjects. *American Journal of the Medical Sciences* 235(3) : 266-277, March 1958.
- (164) RUSSEK, H. I., ZOHMAN, B. L., DORSET, V. J. Effects of tobacco and whiskey on the cardiovascular system. *Journal of the American Medical Association* 157(7) : 563-568, February 12, 1955.
- (165) SACKETT, D. L., GIBSON, R. W., BROSS, I. D. J., PICKREN, J. W. Relation between aortic atherosclerosis and the use of cigarette and alcohol. An autopsy study. *New England Journal of Medicine* 279(26) : 1413-1420, December 26, 1968.
- (166) SAPHIR, R., RAPAPORT, E. Cardiovascular responses of the cat to mesenteric intra-arterial administration of nicotine, cyanide and venous blood. *Circulation Research* 25(6) : 713-724, December 1969.
- (167) SCHIMMELER, W., NEFF, C., SCHIMMERT, G. Risikofaktoren und Herzinfarkt. Eine retrospektive studie. (Risk factors and myocardial infarct. A retrospective study.) *Münchener Medizinische Wochenschrift* 110(27) : 1585-1594, July 5, 1968.
- (168) SCHWARTZ, D., LELLOUCH, J., ANGUERA, G., RICHARD, J. L., BEAUMONT, J. L. Etiologie comparee de l'arteriopathie obliterante des membres inferieurs et de l'arteriopathie coronarienne. (Comparative etiology of lower limb obliterative arteriopathy and of coronary arteriopathy.) *Archives des Maladies du Coeur* 58: Supplement No. 3, 24-32, 1965.
- (169) SCHWARTZ, D., LELLOUCH, J., ANGUERA, G., BEAUMONT, J. L., LENEGRE, J. Tobacco and other factors in the etiology of ischemic heart disease in man: Results of a retrospective survey. *Journal of Chronic Diseases* 19(1) : 35-55, January 1966.
- (170) SELTZER, C. C. The effect of cigarette smoking on coronary heart disease. Where do we stand now? *Archives of Environmental Health* 20(3) : 418-423, March 1970.
- (171) SEN GUPTA, A. N., GHOSH, B. P. Observations on some cardiovascular and biochemical effects of tobacco smoking in health and in ischaemic cardiacls. *Bulletin of the Institute of Post-Graduate Medical Education and Research* 9(2) : 45-57, April 1967.
- (172) SHAPIRO, S., WEINBLATT, E., FRANK, C. W., SAGER, R. V. Incidence of Coronary Heart Disease in a Population Insured for Medical Care (HIP). Myocardial infarction, angina pectoris, and possible myocardial infarction. *American Journal of Public Health and the Nation's Health* 59(6) : Supplement to June 1969. 101 pp.
- (173) SHEPHERD, J. T. Effect of cigarette-smoking on blood flow through the hand. *British Medical Journal* 2: 1007-1010, October 27, 1951.
- (174) SOGANI, R. K., JOSHI, K. C. Effect of cigarette and biri smoking and tobacco chewing on blood coagulation and fibrinolytic activity. *Indian Heart Journal* 17: 238-242, July 1965.
- (175) SPAIN, D. M., BRADESS, V. A. Sudden death from coronary heart disease. Survival time, frequency of thrombi, and cigarette smoking. *Chest* 58(2) : 107-110, August 1970.

- (176) SPAIN, D. M., NATHAN, D. J. Smoking habits and coronary atherosclerotic heart disease. *Journal of the American Medical Association* 177 (10) : 683-688, September 9, 1961.
- (177) STAMLER, J., BERKSON, D. M., LEVINSON, M., LINDBERG, H. A., MOJONNIER, L., MILLER, W. A., HALL, Y., ANDELMAN, S. L. Coronary artery disease. Status of preventive efforts. *Archives of Environmental Health* 13(3) : 322-335, September 1966.
- (178) STEFANOVICH, V., GORE, I., KAJIYAMA, G., IWANAGA, Y. The effect of nicotine on dietary atherogenesis in rabbits. *Experimental and Molecular Pathology* 11(1) : 71-81, August 1969.
- (179) STEJFA, M., JR. Predictive significance of risk factors in exertional angina pectoris. *Cardiologia* 51(6) : 336-339, 1967.
- (180) STROBEL, M., GSELL, O. Mortalität in Beziehung zum Tabakrauchen: 9 Jahre Beobachtungen bei Ärzten in der Schweiz. (Mortality in relation to tobacco smoking. Nine years of observation in Swiss doctors.) *Helvetica Medica Acta* 32(6) : 547-592, December 1965.
- (181) STROMBLAD, B. C. R. Effect of intra-arterially administered nicotine on the blood flow in the hand. *British Medical Journal* 1: 484-485, February 21, 1959.
- (182) STRONG, J. P., RICHARDS, M. L., MCGILL, H. C., JR., EGGEN, D. A., McMURRAY, M. T. On the association of cigarette smoking with coronary and aortic atherosclerosis. *Journal of Atherosclerosis Research* 10(3) : 303-317, November-December 1969.
- (183) TAYLOR, H. L., BLACKBURN, H., KEYS, A., PARLIN, R. W., VASQUEZ, C., PUCHNER, T. Five-year follow-up of employees of selected U.S. railroad companies. IN: Keys, A. (Editor). *Coronary Heart Disease in Seven Countries*. American Heart Association Monograph No. 29, 1970. pp. 20-39.
- (184) THIENES, C. H. Chronic nicotine poisoning. *Annals of the New York Academy of Sciences* 90(1) : 239-248, September 27, 1960.
- (185) THOMAS, C. B. Familial and epidemiologic aspects of coronary disease and hypertension. *Journal of Chronic Diseases* 7(3) : 198-208, March 1958.
- (186) THOMAS, C. B., MURPHY, E. A. Circulatory responses to smoking in healthy young men. *Annals of the New York Academy of Sciences* 90(1) : 266-276, September 27, 1960.
- (187) TIBBLIN, G. High blood pressure in men aged 50. A population study of men born in 1913. *Acta Medica Scandinavica (Supplementum 470)* : 1-84, 1967.
- (188) TIBBLIN, G. Kommentar till en svensk tvillingundersökning. (Comment on research on twins in Sweden.) *Lakartidningen* 65 (47) : 4654-4655, November 20, 1968.
- (189) TRAVELL, J., RINZLER, S. H., KARP, D. Cardiac effects of nicotine in the rabbit with experimental coronary atherosclerosis. *Annals of the New York Academy of Sciences* 90(1) : 290-301, September 27, 1960.
- (190) TRUETT, J., CORNFIELD, J., KANNEL, W. A multivariate analysis of the risk of coronary heart disease in Framingham. *Journal of Chronic Diseases* 20: 511-524, 1967.
- (191) U.S. PUBLIC HEALTH SERVICE. The Health Consequences of Smoking. A Public Health Service Review: 1967. Washington, U.S. Department of Health, Education, and Welfare, Public Health Service Publication No. 1696, 1967. 199 pp.

- (192) U.S. PUBLIC HEALTH SERVICE. The Health Consequences of Smoking. 1968 Supplement to the 1967 Public Health Service Review. Washington, U.S. Department of Health, Education, and Welfare, Public Health Service Publication No. 1696, 1968. 117 pp.
- (193) U.S. PUBLIC HEALTH SERVICE. The Health Consequences of Smoking. 1969 Supplement to the 1967 Public Health Service Review. Washington, U.S. Department of Health, Education, and Welfare, Public Health Service Publication No. 1696-2, 1969. 98 pp.
- (194) U.S. PUBLIC HEALTH SERVICE, NATIONAL AIR POLLUTION CONTROL ADMINISTRATION. Air Quality Criteria for Carbon Monoxide. Washington, U.S. Department of Health, Education and Welfare, National Air Pollution Control Administration Publication No. AP-62, March 1970. 158 pp.
- (195) U.S. PUBLIC HEALTH SERVICE, NATIONAL CENTER FOR HEALTH STATISTICS. Vital and Health Statistics. Data from the National Health Survey. Coronary Heart Disease in Adults—United States—1960–1962. Washington, U.S. Department of Health, Education and Welfare, National Center for Health Statistics Series 11, No. 10, September 1965. 46 pp.
- (196) U.S. PUBLIC HEALTH SERVICE, NATIONAL CENTER FOR HEALTH STATISTICS. Vital Statistics of the United States—1967, Vol. II.—Mortality, Part A. Washington, U.S. Department of Health, Education and Welfare, Public Health Service Publication, 1969.
- (197) U.S. PUBLIC HEALTH SERVICE, NATIONAL CENTER FOR HEALTH STATISTICS. Vital Statistics Rates in the United States 1940–1960. Washington, U.S. Department of Health, Education and Welfare, Public Health Service Publication No. 1677, 1968. 881 pp.
- (198) U.S. PUBLIC HEALTH SERVICE. Smoking and Health. Report of the Advisory Committee to the Surgeon General of the Public Health Service. Washington, U.S. Department of Health, Education, and Welfare, Public Health Service Publication No. 1103, 1964. 387 pp.
- (199) VAN BUCHEM, F. S. P. Serum lipids, nutrition and atherosclerotic complications in man. *Acta Medica Scandinavica* 181(4) : 403–416, April 1967.
- (200) VIEL, B., DONOSO, S., SALCEDO, D. Coronary atherosclerosis in persons dying violently. *Archives of Internal Medicine* 122(2) : 97–103, August 1968.
- (201) VILIGER, U., HEYDEN-STUCKY, S. Das Infarktprofil. Unterschiede zwischen infarktpatienten und Kontrollpersonen in der Ostschweiz. (The infarct profile. Differences between infarct patients and controls in East Switzerland.) *Schweizerische Medizinische Wochenschrift* 96(23) : 748–758, June 11, 1966.
- (202) VON AHN, B. Tobacco smoking, the electrocardiogram, and angina pectoris. *Annals of the New York Academy of Sciences* 90(1) : 190–198, September 27, 1960.
- (203) WATTS, D. T. The effect of nicotine and smoking on the secretion of epinephrine. *Annals of the New York Academy of Sciences* 90(1) : 74–80, September 27, 1960.
- (204) WEBSTER, W. S., CLARKSON, T. B., LOFLAND, H. B. Carbon monoxide aggravated atherosclerosis in the squirrel monkey. *Experimental and Molecular Pathology* 13(1) : 36–50, 1970.
- (205) WEIR, J. M., DUNN, J. E., JR. Smoking and mortality: A prospective study. *Cancer* 25(1) : 105–112, January 1970.

- (206) WENZEL, D. G., BECKLOFF, G. L. The effect of nicotine on experimental hypercholesterolemia in the rabbit. *Journal of the American Pharmaceutical Association; Scientific Edition* 47(5) : 338-343, May 1958.
- (207) WENZEL, D. G., TURNER, J. A., KISSIL, D. Effect of nicotine on cholesterol-induced atherosclerosis in the rabbit. *Circulation Research* 7: 256-261, March 1959.
- (208) WEST, J. W., GUZMAN, S. V., BELLET, S. Cardiac effects of intracoronary arterial injections of nicotine. *Circulation Research* 6: 389-395, May 1958.
- (209) WESTFALL, T. C., CIPOLLONI, P. B., EDMUNDOWICZ, A. C. Influence of propranolol on hemodynamic changes and plasma catecholamine levels following cigarette smoking and nicotine. *Proceedings of the Society for Experimental Biology and Medicine* 123: 174-179, 1966.
- (210) WESTFALL, T. C., WATTS, D. T. Effect of cigarette smoke on epinephrine secretion in the dog. *Proceedings of the Society for Experimental Biology and Medicine* 112(4) : 843-847, April 1963.
- (211) WESTFALL, T. C., WATTS, D. T. Catecholamine excretion in smokers and nonsmokers. *Journal of Applied Physiology* 19(1) : 40-42, January 1964.
- (212) WHEREAT, A. F. Is atherosclerosis a disorder of intramitochondrial respiration? *Annals of Internal Medicine* 73(1) : 125-127, July 1970.
- (213) WIDMER, L. K., HARTMANN, G., DUCHOSAL, F., PLECHL, S.-C. Risk factors in arterial occlusion of the limbs. *German Medical Monthly* 14 (10) : 476-479, October 1969.
- (214) WILENS, S. L., PLAIR, C. M. Cigarette smoking and arteriosclerosis. *Science* 138: 975-977, November 30, 1962.
- (215) WYNDER, E. L., HOFFMANN, D. *Tobacco and Tobacco Smoke. Studies in Experimental Carcinogenesis*. New York, Academic Press, 1967. 730 pp.

CARDIOVASCULAR

APPENDIX TABLES

TABLE A6.—*Coronary heart disease morbidity and mortality—retrospective studies*(Actual number of cases shown in parentheses)¹

[SM = Smokers]

NS = Nonsmokers

EX = Ex-smokers]

Author, year, country, reference	Number and type of population	Data collection	Cases (percent)				Controls (percent)				Comments			
English et al., 1940, U.S.A. (60).	1,000 males with manifest CHD, 40 years of age. Cont: Is: 1,000 male non-CHD patients.	Case selection from Mayo Foundation files. Controls same year of admis- sion age- matched.	<i>Percent Smokers</i>				<i>Percent Smokers</i>							
			40-49	79.7 (187)			61.9 (302) (p<0.001)							
			50-59	71.7 (382)			73.9 (371) (not significant)							
			60 or over	63.8 (431)			61.8 (327) (not significant)							
			All ages	69.8			66.3 (p<0.05)							
Mills and Porter, 1957, U.S.A. (131).	474 white male coronary deaths. Controls: 606 white males.	Undefined.	40-49	(56)	50-59	(135)	60-69	(153)	70 or over	(130)	40-49	50-59	60-69	70 or over
			NS	7.14	6.66	18.30	33.84	19.91	24.47	35.09	54.12			
			All cigarettes	83.93	82.23	49.02	18.44	70.83	59.94	43.86	16.47			
			Pipes, cigars	8.93	11.11	32.68	47.70	9.26	16.47	21.05	29.41			
Buechley et al., 1958, U.S.A. (33).	Males reporting CHD to California Health Survey with matched controls from same survey (included those surviving first myocardial infarction).	Question- naire and interview.	NS	20.4 (23)			NS	42.1 (51)						
			≤20	61.1 (69)			≤20	46.3 (56)						
			>20	18.5 (21)			>20	11.6 (14)						

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TABLE A6.—*Coronary heart disease morbidity and mortality—retrospective studies (cont.)*
(Actual number of cases shown in parentheses)¹

Author, year, country, reference	Number and type of population	Data collection	Cases (percent)	Controls (percent)	Comments
Russek and Zohman, 1968, U.S.A. (163).	97 male and 3 female coronary patients. Controls: 100 healthy controls of similar age, sex, occupation, and ethnic origin.	Interviews by authors.	Tobacco usage>30 cigarettes/day 70 percent.	35 percent.	Patients included 89 with classical myocardial infarction and 11 with angina pectoris.
Spain and Nathan, 1961, U.S.A. (176).	269 males identified as having CHD by physical examination and history. Controls: 2,637/3,000 males identified as not having CHD	3,000 males in New York City viewed and examined by medical group.	NS 30.0 (81) <40/day 29.0 (78) >40/day 13.0 (33) EX 14.0 (39) Cigar, pipe 14.0 (38) Total 100.0 (269)	29.0 (772) 33.0 (870) 9.0 (234) (p<0.05) 14.0 (361) 15.0 (400) 100.0 (2,637)	
Mulcahy and Hickey, 1967 Ireland (185, 186).	400 men's less than 60 years of age with classical CHD. Data compared with male population con- sumption figures.	Interview.	Males NS 4.50 (18) SM 90.75 (363) EX 4.75 (19) Total 100.00 (400)	Males 18.2 (110) 70.6 (427) 11.2 (68) 100.0 (605)	Control smoking data obtained from estimated smoking habits of Irish population of same age group.
Schwartz et al., 1966, France (169).	612 male patients with angina or myocardial infarction. 612 age-matched controls.	Interview, laboratory, and clinical ex- aminations. Inhalers	Average amount per day as cigarettes 18.6 All SM 86.0 Inhalers 59.0	15.5 (p<0.0001) 86.0 45.0 (p<0.00001)	Data apply only to those under 55 years of age.

Author, year, country, reference	Number and type of population	Data collection	Cases (percent)		Controls (percent)		Comments	
			Males (72)	Females (28)	Males (72)	Females (28)		
Villiger and Heyden-Stucky, 1966, Switzer-land (201).	100 cases with recent myocardial infarctions. 72 males, 28 females, 100 age-matched controls (72 male industrial employees and 28 females in hospital for other diagnoses).	Hospital history or interview.	NS Cigarettes 1-19 cigarettes/day >20	6.94 66.7 18.1 .48.6	71.4 28.6 10.7 17.9	†25.0 45.8 23.6 †22.2	82.1 14.3 10.7 3.6	These are not pure smoking classes. † (p<0.01)
Dörken, 1967, Germany (52).	205 males up to 44 years of age with myocardial infarction or sudden death (139 deceased, 66 living). Controls—Hamburg age-matched citizens selected randomly.	Death certificate review. Interview of patient or kin.	NS <i>Cigarette Units</i> 1-5 10-15 20-30 >35	1.0 (2) 1.5 (3) .32.2 (62) .43.5 (84) .21.8 (42) 100.0 (193)	18.4 (76) 10.4 (43) 46.5 (192) 22.5 (93) 2.2 (9) 100.0 (413)	(only 28 were mixed or cigar smokers)	(62 were mixed or cigar smokers)	Ex-smokers listed under nonsmokers. Smoking information available only on 193/205. These cigarette categories include mixed or cigar smokers recalculated as to number of cigarettes. No patients or controls smoked pipes exclusively.
Dörken, 1967, Germany (53).	33 females up to 44 years of age with myocardial infarction or sudden death. Controls—133 females 27-44 years of age from clinic without CVD or lung cancer.	Death certificates, interviews.	<i>Cigarettes per day</i> 0 1-5 6-15 20-30 >35	6.1 (2) 1.548.5 (16) .39.4 (13) 6.1 (2)	63.2 (84) (p<0.001) 17.3 (23) 16.5 (22) 3.0 (4) ...			

TABLE A6.—*Coronary heart disease morbidity and mortality—retrospective studies (cont.)*(Actual number of cases shown in parentheses)¹

[SM = Smokers NS = Nonsmokers EX = Ex-smokers]

Author, year, country, reference	Number and type of population	Data collection	Cases (percent)	Controls (percent)	Comments
Hyams et al., 1967, Japan (87).	79 males surviving myocardial infarc- tion. 157 age- matched controls hospitalized for non- CVD but include hypertensive disease.	Interviews by trained personnel.	NS 10.1 (8) 1-9 cigarettes per day 7.0 (5) 10-15 25.4 (18) 16-20 35.2 (25) 21-34 22.5 (16) >35 9.9 (7) All SM 100.0 (71)	21.0 (33) 10.5 (13) 33.9 (42) 25.8 (32) 17.7 (22) 12.1 (15) 100.0 (124)	
Mulcahy et al., 1967, Ireland (137).	100 female patients less than 60 years of age admitted to hospital with CHD.	Hospital interviews.	SM 62.0 (63) NS 33.0 (33) EX 4.0 (4) Total 100.0 (100)	45.6 (261) 45.3 (259) 9.1 (52) 100.0 (572)	Smoking on controls obtained from statistics of smoking in Irish Republic. Sudden death not included.
Steifel, 1967, Poland (179).	70 male and female patients with recent onset exertional angina pectoris, 54 controls of same age.	Direct interviews.	<i>Prevalence of risk factors</i> <i>Angina patients</i> 60.0	Control group 48.1 (p>0.1)	Authors then followed the 70 patients for 3 years and noted that smoking signifi- cantly influenced the incidence of coronary occlusion.
Schimmler et al., 1968, Germany (167).	503 males with healed myocardial infarctions. 714 male controls of same age without detectable heart disease.	Hospital interviews.	NS 9.0 (44) EX 12.0 (59) Cigar, pipe 12.0 (62) <19 cigarettes 25.0 (129) >20 42.0 (209) Total 100.0 (503)	26.0 (187) (p<0.001) 20.0 (142) (p<0.001) 11.0 (77) 14.0 (101) (p<0.001) 29.0 (207) (p<0.001) 100.0 (714)	

TABLE A6.—*Coronary heart disease morbidity and mortality—retrospective studies (cont.)*(Actual number of cases shown in parentheses)¹

[SM = Smokers]

NS = Nonsmokers

EX = Ex-smokers]

Author, year, country, reference	Number and type of population	Data collection	Cases (percent)	Controls (percent)	Comments
Hood et al., 1969, Sweden (85).	230 males surviving early first myocardial infarction. Controls: 855 randomly selected males 50 years of age.	Interview and exam- ination.	(230) Never smoked 1.75 EX before infarction 1.75 EX after infarction 29.1 <15 cigarettes ... 28.3 >15 cigarettes ... 22.6 All 80.0 Pipe 16.5	(855) 24.2 19.7 .. 27.4 20.0 47.4 8.8	
Jouve et al., 1969, France (91).	1,229 CHD patients; 802 males, 427 females. Controls: 743 individuals of both sexes; age, sex, and social class matched.	Interview.	43.0	13.0 (p<0.0001)	
Kastl, 1969, Germany (98).	275 male railway employees up to 65 years of age sur- viving myocardial infarction. 275 con- trol employees with minor circulatory disturbances.	Interview and ex- amina- tion.	NS 20.0 (55) 2-20 cigarettes or up to 6 cigars. .. 32.0 (88) >20 cigarettes or >6 cigars. 48.0 (132)	29.8 (82) 63.3 (82) 6.9 (19)	

¹ Unless otherwise specified, disparities between the total number of cases and the sum of the individual smoking categories are due to the exclusion of either occasional, miscellaneous, mixed, or ex-smokers.

TABLE A7.—*Differences in serum lipids between smokers and nonsmokers*

(Actual number of individuals shown in parentheses)¹
 [SM = Smokers NS = Nonsmokers]

Author, year, country, reference	Number and type of population	Results			Comments	
Gofman et al., 1955, U.S.A. (72).	401 male employees 20-59 years of age.	Lipid: tSF 0-12 Sf 12-20 Sf 20-100 Sf 100-400 Cholesterol	Ages 20-29 (NS 55, SM 37) +59.9 p<0.001 + 9.4 p<0.001 +20.0 p<0.025 +15.8 p<0.025 +21.2 p<0.05	Ages 30-39 (NS 56, SM 67) +19.9 p<0.05 + 5.4 p<0.05 + 9.1 p<0.05 +12.1 p<0.05 + 9.0 p<0.05	Ages 40-59 (NS 17, SM 44) + 3.9 p<0.05 - 3.5 p<0.05 + 8.5 p<0.05 - 4.5 p<0.05 - 4.8 p<0.05	tSF refers to Svedberg flotation units of centrifuged lipoproteins.
Thomas, 1958, U.S.A. (185).	521 medical students.			Serum cholesterol mg. percent NS (264) SM (257)		
		<250	Observed/Expected 170/157	Observed/Expected 149/161.6		
		>250	87/99.6	115/102.4		
		Chi Square Value = 5.2 p<0.025				
Dawber et al., 1959, U.S.A. (47).	2,253 males participating in the Framingham study 29-59 years of age.	NS All cigarettes <10 10-19 20-39 >40 Pipe and cigar		Serum cholesterol mg. percent 29-44 45-59 216.1(149) 228.3(131) 224.8(874) 229.5(589) 217.4 (75) 229.1 (76) 221.1(134) 230.1 (95) 225.8(551) 227.8(350) 229.0(114) 238.5 (68) 214.9(128) 227.1(166)	The authors conclude that there is evidence of a gradient of cholesterol with increasing amount of cigarette smoking in younger men.	
Karvonen et al., 1959, Finland (97).	525 males in various occupations 20-59 years of age.	NS SM		Serum cholesterol mg. percent West Finland East Finland Helsinki 208.0(64) 226.6 (39) 235.1 (62) 228.7(91) 249.7(103) 257.8(166)	The authors state that no trend was noted associating increasing amount smoked with increasing serum cholesterol, although smokers and nonsmokers did have different overall levels.	

TABLE A7.—*Differences in serum lipids between smokers and nonsmokers (cont.)*(Actual number of individuals shown in parentheses)[†]

[SM = Smokers NS = Nonsmokers]

Author, year, country, reference	Number and type of population	Results						Comments	
		Mean serum cholesterol mg. percent			Mean Beta/Alpha lipoprotein ratio				
Acheson and Jessop, 1961 Ireland (1).	221 randomly chosen pensioners 65-85 years of age. 5 cigarettes/day 10 20 >30	NS			214 (38) 201 (12) 213 (34) 201 (33) 206 (8)			2.0 (36) 2.1 (11) 1.9 (33) 1.9 (35) 1.8 (8)	
		Cholesterol mg. percent			Beta/Alpha lipoprotein ratio			No data given on numbers in each group. †A—African. ‡E—European.	
		25-39	40-55	A E	25-39	40-55	A E		
		†A ‡E	A E	A E	A E	A E	†A—African. ‡E—European.		
		NS	179 197	222 246	2.89 3.34	3.75 4.59	4.07 5.40		
Bronte- Stewart, 1961, South Africa (31).	Approximately 600 healthy males 25-55 years of age. "Heavy" SM . .	"Heavy" SM . .			204 236			No data given on numbers in each group. †A—African. ‡E—European.	
		Serum cholesterol mg. percent			Serum phospholipids mg. percent				
		NS (145)			203.8 218.0				
		(Cigarettes per day) 1-10 (53)			206.8 222.3				
Konttinen, 1962, Finland (19).	314 male military recruits 18-25 years of age.	11-19 (54)			213.1 224.7			No serum lipid differences found among the various smoking groups.	
		>20 (62)			202.3 210.5				
Blomstrand and Lundman, 1966, Sweden (26).	76 monozygotic twin pairs and 87 dizygotic twin pairs obtained from Swedish Twin Registry.	I. Monozygotes discordant for smoking: Smokers showed slightly lower levels of cholesterol, triglycerides, and phospholipids than nonsmokers. II. Dizygotes discordant for smoking: Smokers showed significantly higher levels of phospholipids. No differences for cholesterol and triglycerides.						The authors conclude from the differing MZ and DZ results that constitutional factors are probably more important than smoking in determining lipid levels.	

TABLE A7.—*Differences in serum lipids between smokers and nonsmokers (cont.)*(Actual number of individuals shown in parentheses)¹

[SM = Smokers NS = Nonsmokers]

Author, year, country, reference	Number and type of population	Results				Comments
Fidanza et al., 1966, Italy (62).	111 male prisoners 34-69 years of age.		Serum cholesterol mg. percent	Ages <39 40-49 50-59 60-69		No statistically significant differences found between SM and NS.
	NS 195(12) 189(10) 176(7)		
	<20 cigarettes/day			208(5) 201(16) 202(13) 195(10)		
	>20 cigarettes/day			197(5) 175(7) 171(7) ..		
			Serum triglycerides mg. percent			
	NS 84.7 71.9 85.0		
	<20 cigarettes/day			84.5 99.4 101.9 89.8		
	>20 cigarettes/day			91.0 86.0 65.7 ..		
Kedra and Dmowski, 1966, Poland (99).	200 clinically healthy males 20-50 years of age.	Serum cholesterol mg. percent	Phospholipids mg. percent	Total lipids mg. percent		Serum cholesterol also noted to increase with increasing intensity and duration of smoking.
	NS(100)	170.2	268.1	1,234.8		
	SM 100)	224.9	{ p<0.01	{ 257.5	{ p>0.05	
						1,362.1
			Beta-lipoproteins			
			Total fatty acids mg. percent	percent of total lipoproteins		
	NS(100)	797.8	{ 43.1			
	SM 100)	869.9	{ p<0.01	{ 49.9	{ p<0.01	
Harlan et al., 1967, U.S.A. (79).	657 former naval aviation cadets 48 years of age (average).	Serum cholesterol Found to be related to cigarette smoking p<0.05.	Serum triglycerides Found not to be related to cigarette smoking.	Lipoproteins		
				Sf 0-12 related, p<0.05		
				Sf 20-100 unrelated.		
				Sf 100-400 unrelated.		
Heyden- Stucky and Schibler- Reich, 1967, Switzerland (82).	500 plant workers 30-60 years of age.	<10 cigarettes/day	Serum cholesterol mg. percent	Serum triglycerides mg. percent	No statistically significant difference found between SM and NS.	
		>10 cigarettes/day	210.0(334)	110.0		
			260.0(166)	180.0		